

Patent Abstracts of Japan

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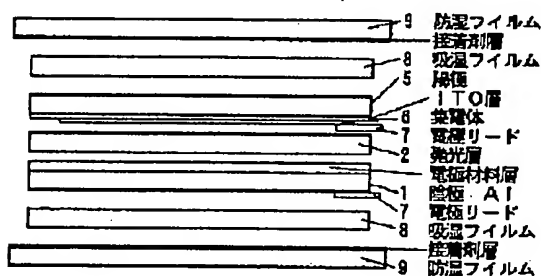
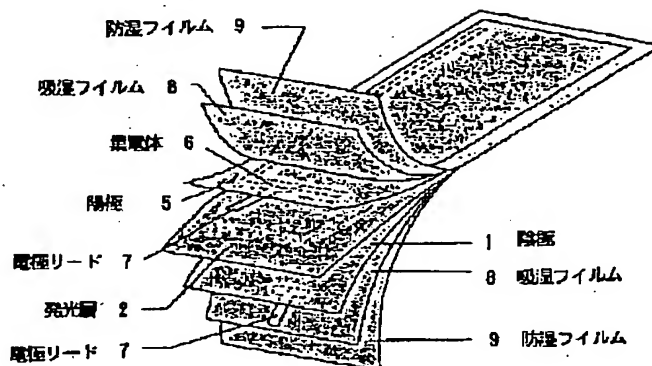
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APPLICATION NUMBER : 05319270

APPLICANT : DAINIPPON PRINTING CO LTD;

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TITLE : ORGANIC THIN FILM EL ELEMENT



ABSTRACT : PURPOSE: To improve productivity, reduce cost, and provide a thin light source, a lightweight light source and a free-shaped light source.

CONSTITUTION: An organic thin film EL element is formed in such a way that a material where an Au current collecting body 6 having a large work function is arranged on an ITO layer of a positive electrode 5 is arranged on one side of a light emitting layer 2 (a light emitting layer formed by mixing an electron hole implanting material, an organic light emitting body and an electron implanting material together), and a material where an electrode material layer (an alloy layer which has a small work function and is formed of Mg and Ag) is arranged on an Al board of a negative electrode 1 is arranged on the opposite side of the light emitting layer 2, and the upper and lower parts are sandwiched by moisture absorptive films 8 and 8, and the further upper and lower parts are sandwiched by moisture-proof films 9 and 9, and the whole bodies are lastly laminated on each other.

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